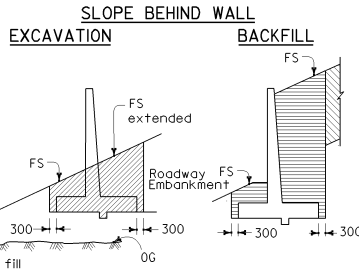
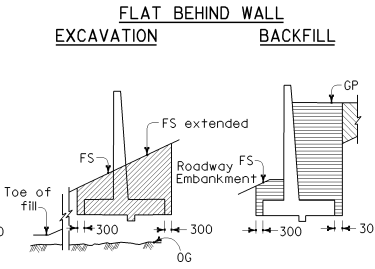
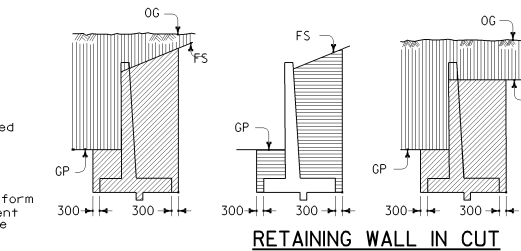
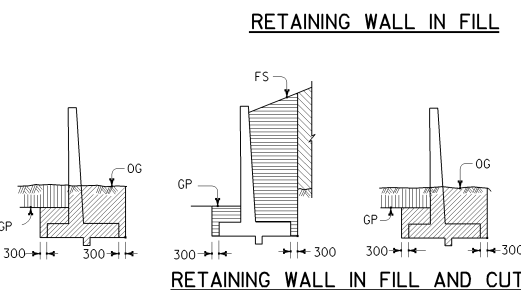
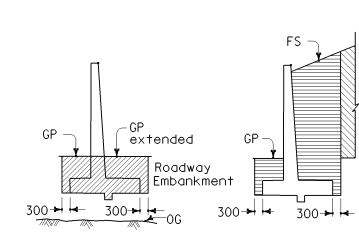


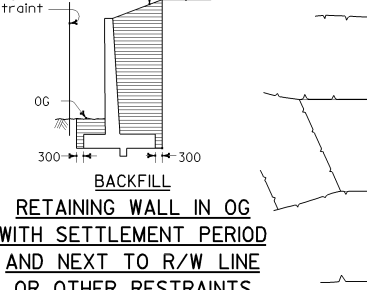
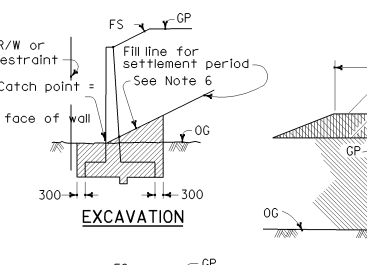
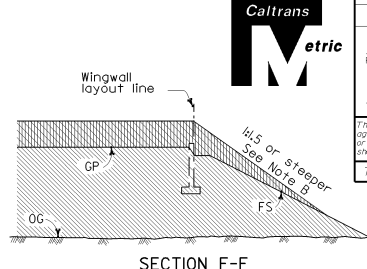
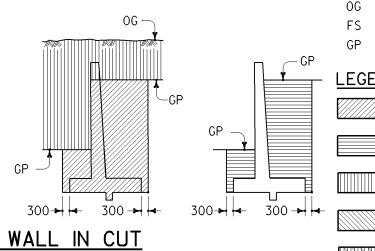
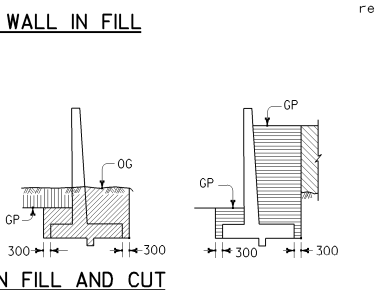
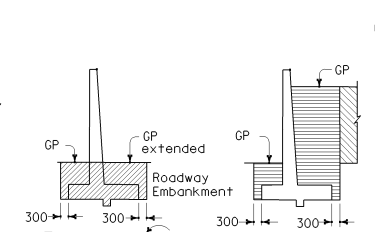
- NOTES**
- Roadway embankment is not delineated on excavation drawings for clarity.
  - Embankment, if any, must be in place before structure excavation is made.
  - If no roadway or ditch excavation or embankment is involved at the wall, structure excavation will be measured from the original ground.
  - No deduction for crib wall member volumes is made from structure backfill quantities.
  - When an embankment settlement period is required, the upper limits of structure excavation are raised to conform to the elevation of the embankment after the settlement period or, when an embankment surcharge is used to the finished surface and grading plane elevations.
  - Embankment slopes to be as steep as material permits. Slope assumed to be 1:1 for purposes of quantity calculations.



**RETAINING WALL IN FILL, ON SLOPE**



**RETAINING WALL IN FILL, ON SLOPE**



**RETAINING WALL IN OG WITH SETTLEMENT PERIOD AND NEXT TO R/W LINE OR OTHER RESTRAINTS**

- ABBREVIATIONS**
- OG - Original Ground
  - FS - Planned Finished Surface
  - GP - Planned Grading Plane

- LEGEND**
- Structure Excavation
  - Structure Backfill
  - Roadway Excavation
  - Roadway Embankment
  - Bridge Embankment Surcharge

**Caltrans**  
**Metric**

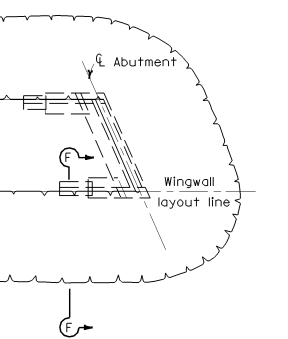
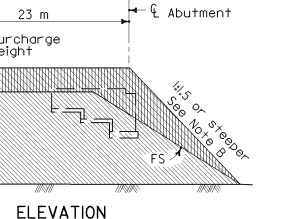
*Overcomer Y. Hsu*  
REGISTERED CIVIL ENGINEER  
No. 45803  
EXPI. 12-31-06  
STATE OF CALIFORNIA

July 1, 2004  
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan.

To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

- SURCHARGE NOTES**
- Bridge embankment surcharges to be placed at locations and to the heights listed in the special provisions.
  - Surcharge slopes to be as steep as stability of material permits.



**BRIDGE EMBANKMENT SURCHARGE**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**LIMITS OF PAYMENT FOR  
EXCAVATION AND BACKFILL  
BRIDGE SURCHARGE AND WALL**

NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

**A62B**